Wynaco Bridge 3194
Rehabilitation Project

(On 168th Way SE over Covington Creek)

CIP 400102

SEPA ENVIRONMENTAL CHECKLIST

King County, Washington

Prepared by

King County

King County
Department of Transportation
Road Services Division, Engineering Services Section
201 South Jackson Street, KSC-TR-0231
Seattle, WA 98104-3856

July 2, 2003

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Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

A. Background

1. **Name of proposed project, if applicable:**
   Wynaco Bridge 3194 Rehabilitation Project King County, Washington (CIP 400394)

2. **Name of applicant:**
   King County Department of Transportation, Road Services Division, Engineering Services Section

3. **Address and phone number of applicant and contact person:**
   King County Department of Transportation
   Road Services Division
   King Street Center, MS-KSC-TR-0231
   201 South Jackson Street
   Seattle, WA 98104-3856

   Contacts: Jessy Jose, Senior Engineer (206) 296-8786
   Katherine Merrell, Environmental Engineer (206) 296-8884

4. **Date checklist prepared:** July 2, 2003

5. **Agency requesting checklist:**
   King County Department of Transportation, Road Services Division, Engineering Services Section

6. **Proposed timing or schedule (including phasing, if applicable):**
   Advertisement Date: November 20, 2003
   Construction Begins: April 2004
   Construction Duration: Approximately six months. Bridge closure for construction is scheduled from May through September 2004.
   Construction Ends: October 2004

7. **Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.**
   No. However, during the rehabilitation project, the Covington Water District proposes to add a water line utility under the bridge.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

Information that has been prepared that directly relates to this proposal:

- *Biological Assessment for the Wynaco Bridge No. 3194 Rehabilitation Project,* Herrera, May 2003.
- *The Wynaco Bridge Rehabilitation Technical Information Report,* Anderson Bjornstad Kane Jacobs, Incorporated, January 2001.
- *The Wynaco Bridge Rehabilitation Stream and Wetland Study,* Herrera, July 2002.
- *Technical Report for Wynaco Bridge 3194,* Anderson Bjornstad Kane Jacobs, Incorporated, January 2001.
- *King County Capital Improvement Projects 2000 Cultural Resources Site Screening,* LAAS, October 30, 2000
- *Wynaco Bridge Seismic Retrofit and Rehabilitation Project: Additional Geotechnical Testing and Analysis,* King County, September 20, 2000.
- *Wynaco Bridge Seismic Retrofit and Rehabilitation Project: Letter Report from Alan D. Corwin,* King County, April 24, 2000.

Information that will be prepared that directly relates to this proposal: *King County Historic Bridge Screening*, King County, September 2003.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

The Covington Water District proposes to add a water line utility under the bridge during the rehabilitation project. Adding a new waterline requires a King County Department of Development and Environmental Services Shoreline Substantial Development permit.

10. List any government approvals or permits that will be needed for your proposal, if known.

Federal Permits, Approvals and Reviews:

- United States Fish and Wildlife Service Concurrence with Biological Assessment
- National Oceanic and Atmospheric Administration Concurrence with Biological Assessment

Washington State Permits and Approvals: Department of Fish and Wildlife Hydraulic Project Approval

King County Department of Development and Environmental Services:

- Clearing and Grading Permit
- Shoreline Management Substantial Development Permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description).

The existing Wynaco Bridge carries two lanes of traffic on 168th Way Southeast in southeast King County near the intersection of 168th Way Southeast and Auburn – Black Diamond Road. The bridge was built in 1964 and is designed to the 1957 road design standards. The four-span bridge is 195 feet long and is 24 feet wide and provides two 10-foot-wide traffic lanes with two 2-foot-wide raised concrete curbs. The bridge provides a crossing over a 40-foot-deep ravine containing Covington Creek.

Safety Concerns: The bridge has both structural and functional deficiencies. Due to the bridge's geometry and narrow foundation, it would be extremely unstable during a seismic event. In addition, the lead-painted bridge railing is severely deficient, and the existing bridge deck and girder supports are significantly cracked posing major serviceability issues. It is also load-limited and posted for trucks over 15 tons.

Project Objective: The objective of the bridge rehabilitation project is to replace or strengthen key elements of the bridge to meet current safety and structural standards, while preserving the bridge's usefulness and longevity. The Covington Water District is coordinating their system upgrade with this project to avoid another construction impact.

Proposed Project Activities: The bridge deck and curb will be removed and replaced with a deck including two 11-foot-wide traffic lanes and two 2-foot-wide shoulders, resulting in a two-foot width increase. The underlying bridge girders will be re-spaced and additional structural support will be added. The cross beams will be enlarged to increase load capacity. The bridge rail and approach rails will be replaced, and a water quality treatment wet vault will be placed at the northeast end of the bridge to treat stormwater runoff from the bridge deck and roadway approaches. The Covington Water District work includes attaching a 12-inch water supply pipe under the bridge deck. The water supply pipe would then continue from the bridge along the south road shoulder of 168th Avenue South underground to approximately 200 feet from the ordinary high water mark.

Project Environmental Impacts/Mitigation: The potential impacts from the project would occur from workers or equipment disturbing the riverbed or riverbanks, or from construction-related debris entering Covington Creek from over-water construction; however, there would not be an appreciable impact from these activities. There is no scheduled in-water activity; the only work near the ordinary high water mark involves the placement of an energy dissipater for the wet vault outlet. All over-water work will be done using debris containment devices, such as suspended canvas tarps. All construction-related debris will be contained and removed. Other erosion abatement devices may include, but are not limited to, use of silt fencing, temporary coverage with straw mulch or plastic sheeting, grass seeding and storm sewer inlet protection. Native planting and grass seeding will be provided at project closure to ensure all bare earth areas are revegetated.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The Wynaco Bridge spans Covington Creek in the Green River watershed and conveys 168th Way Southeast, in unincorporated King County, approximately two miles south of the City of Kent, Washington. The bridge is located in Section 12, Township 21 North, Range 05 East. The general project location is shown on the vicinity map in Appendix A.

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other.

b. What is the steepest slope on the site (approximate percent slope)?
The steepest slopes are between 50-100 percent for about 100 feet from the bridge approaches, down to Covington Creek.

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.
The United States Soil Conservation Service classified the majority of the project site soils as Alderwood gravelly sandy loam according to the *King County Soil Survey*, 1973. Alderwood soils are moderately well drained, with undulating to hilly soils. The soils near the southern stream crossing (just north of Northeast 134th Place) are classified as a combination of Everett gravelly sandy loam and Norma sandy loam. Both soils are somewhat excessively drained, gravelly, and gently undulating soils underlain by sand and gravel.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.
The King County Department of Development and Environmental Services geographic information systems (GIS) data catalog (1992) indicates a history of unstable soils (i.e., soils prone to erosion and landslides) in the immediate vicinity of the project.

e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

- Construction of the project will require approximately 810 cubic yards of excavation and 240 cubic yards of fill. The source of fill will be excavated material or local sand and gravel quarry.
- Excavated materials from on-site and from local gravel pits will be used for all fill and to construct the proposed water quality treatment facility.
- Granular material will be used for drainage pipe bedding and associated trench backfill.
- Excess or unsuitable excavated material will be hauled off-site by the contractor and disposed of appropriately as required by King County contract specifications.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.
Erosion could occur as a result of construction activities. Erosion control measures will be utilized during construction through use of King County Best Management Practices, compliance with applicable permit conditions and King County contract specifications. Please see section B.1.h. below.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?
The proposed project will result in a net increase of 0.01 acre (500 square feet) of impervious surface area, with the total area of impervious surfaces, including existing and new areas, equaling 0.28 acre (12,200 square feet). The new impervious surface is due to the added two feet of bridge deck for increased travel width. The proposed stormwater system will treat the runoff from the existing and new impervious areas in accordance with the King County (1998) *Surface Water Design Manual* and

the Washington Department of Ecology *Stormwater Management Manual for Western Washington* (Ecology 2001).

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:
Erosion control Best Management Practices provided in the *King County Surface Water Design Manual* will be used during the construction of this project to reduce and control erosion impacts. Best Management Practices may include, but are not limited to, use of silt fencing, temporary coverage with straw mulch or plastic sheeting, grass seeding and storm sewer inlet protection. Planting and grass seeding will be provided at project close to ensure all bare earth areas are revegetated.

2. Air

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.
During construction, emissions to the air may occur from equipment (e.g., backhoe, bulldozer, grader, scoop-loader, trucks, etc.). Airborne dust particles may also result from construction activities. These short-term construction emissions would be eliminated at the end of the project.

b. Are there any off–site sources of emissions or odor that may affect your proposal? If so, generally describe.
No off-site sources of emissions or odors that may affect the proposal are anticipated.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:
The project site may be watered daily to suppress dust following construction activities, as needed. Adjacent streets will also be cleaned as needed to control dust emissions. Construction equipment will be equipped with standard mufflers to meet vehicle air emission standards.

3. Water

a. Surface:

1) Is there any surface water body on or in the immediate vicinity of the site (including year–round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.
Streams: The Wynaco Bridge crosses Covington Creek (designated as water resource inventory area [WRIA] 09-0083). The creek flows northwesterly approximately 0.6 mile upstream of its confluence with Big Soos Creek (designated as WRIA 09-0072). At the proposed project location, Covington Creek is a King County Class 1 stream, requiring a 100-foot stream buffer. This segment of the stream is known to support a wide variety of aquatic species including chinook salmon, coho salmon, cutthroat trout, and steelhead trout.

Wetlands: A wetland has been delineated along the south bank immediately upstream of the bridge, within the vicinity of the project (see Plan Sheet 5) and is classified as a King County Class 3 wetland, affording it a 25-foot buffer. This wetland receives its hydrologic input from ground water seeps and flood events and is dominated by salmonberry, stink currant, devil's club, vine maple, skunk cabbage, and slough sedge. Although this wetland is diverse, it does not meet

the Class 2 wetland criteria because it is less than one acre in size, it was not previously inventoried, and does not have heron rookeries or raptor nesting trees.

2) **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.**
Although no in-water work is proposed for this project, construction activities will require work over or adjacent to the creek and the riparian zone. Construction activities proposed include the bridge deck widening, structural support additions, bridge rail and transition rails replacement, and the water quality treatment facilities. The general project activities are shown on Plan Sheet 5 in Appendix B.

3) **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.**
No fill or dredge material would be placed in or removed from surface water or wetlands as a result of this project.

4) **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.**
No surface water withdrawals or diversions will be required for this proposed project.

5) **Does the proposal lie within a 100–year floodplain? If so, note location on the site plan.**
According to the Federal Emergency Management Agency (FEMA), the project is not within a 100-year floodplain.

6) **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.**
No waste materials will be discharged to surface waters.

b. Ground:

1) **Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.**
There will be no discharges to, or withdrawals of, ground water as a result of the proposal.

2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.**
This does not involve the construction or operation of a septic tank system or any other waste disposal system or facility. No waste material is discharged into the ground as a result of this project.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

The current source of stormwater runoff is from impervious surfaces in the immediate vicinity of the project including the bridge deck, bridge approaches and the adjoining roadway. This roadway stormwater flows from the roadway and approaches to the existing gravel shoulders, and/or drains directly to the creek via the open bridge deck drains (scuppers).

The proposed stormwater system will treat all the runoff from the existing and new impervious areas in accordance with the 1998 King County *Surface Water Design Manual* and the 2001 Washington Department of Ecology *Stormwater Management Manual for Western Washington.* The bridge deck will be raised approximately one foot on the west approach to direct stormwater through storm drainpipes to a water quality wet vault located adjacent to the existing access road at the northwest corner of the bridge. Once transported to the vault, sediments will settle out and water will be conveyed through a pipe to an energy-dissipating outlet protection device located above the ordinary high water mark (just behind the existing riprap) of Covington Creek.

2) Could waste materials enter ground or surface waters? If so, generally describe.

There is an unlikely possibility that fuel spills could occur from the construction machinery and enter ground or surface waters.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

In order to avoid impacts to surface, ground and water runoff, drip pans will be fitted with absorbent pads and placed under all equipment being fueled. A spill prevention, control and countermeasures (SPCC) plan, and a temporary erosion control (TESC) plan will be implemented during construction.

4. Plants

a. Check or circle types of vegetation found on the site:

deciduous tree: alder, maple, aspen, other: black cottonwood
evergreen tree: fir, cedar, pine, other:
shrubs: salmonberry, sword fern, other: red elderberry, beaked hazelnut, Indian plum, bittersweet nightshade, sitka willow, red osier dogwood
grass:
pasture:
crop or grain:
wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other: curly dock, reed canarygrass, slough sedge, lady fern, stink currant, devil's club, water parsley, piggyback plant
water plants: water lily, eelgrass, milfoil, other:
other types of vegetation: Himalayan blackberry

b. What kind and amount of vegetation will be removed or altered?

Clearing and grubbing of vegetation will occur on all four sides of the bridge to provide space for construction access, equipment staging, and material stockpiling. Approximately 2,240 square feet of vegetation will be cleared from the following areas: two areas on the south bank within 110 feet of

Covington Creek, and three areas on the north bank within 130 feet of Covington Creek. Within these cleared areas, seven trees will be removed to accommodate the widened bridge structure and to provide adequate construction clearance. Trees will be felled by chainsaw, laid on the ground and left in place. Tree root wads will also remain in place to maintain bank stability. The trees to be removed include two Douglas-fir trees, four big-leaf maples, and one red alder. In addition, limbs will be pruned from several other trees adjacent to the bridge for access during utility pole relocation. After roadway construction is completed, the disturbed areas will be revegetated using hydroseeding and native tree plantings per revegetation plan (see plan sheet 32 in Appendix B).

c. List threatened or endangered species known to be on or near the site.
The Washington State Department of Natural Resources was consulted regarding potential occurrence of significant plant species on or near the site. The National Heritage Information system searched for information on significant natural features in the project area and had no records of rare plant species or communities.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
All bare areas will receive vegetative cover in the form of grass seeding and plantings. Native species will be provided to replace existing vegetative values (e.g., trees for trees, shrubbery for shrubbery). No invasive species, such as blackberries, will be replanted.

5. Animals

a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:
birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other:

b. List any threatened or endangered species known to be on or near the site.
According to the United States Fish and Wildlife Service, bald eagles and bull trout may be within the project vicinity. According to the National Oceanic and Atmospheric Administration, chinook salmon may be on or near the proposed project site. Bald eagles, bull trout and chinook salmon are listed as threatened under the federal Endangered Species Act.

c. Is the site part of a migration route? If so, explain.
The site is part of a migration route for chinook salmon, coho salmon, resident rainbow trout, steelhead trout, resident and sea-run cutthroat trout, sculpin and western brook lampry. Other species that may inhabit Covington Creek include chum salmon, pink salmon and sockeye salmon.

d. Proposed measures to preserve or enhance wildlife, if any:
Mitigation measures will be used at the construction site to avoid or reduce the amount of harm to environmental resources including wildlife. Replanting of areas temporarily cleared will be done with plant materials that will provide wildlife habitat. Felled trees will be left in place to provide wildlife habitat. Placement of mulch, use of silt barriers, and covering erodable stockpiles will prevent soil erosion impacts that could affect water quality for fish and wildlife. Installation of a

water quality wetvault, a spill prevention, control and countermeasures plan (SPCC), and a temporary erosion and sedimentation control (TESC) plan will be implemented during construction activities to preserve the integrity of any habitat in the project vicinity.

6. Energy and Natural Resources

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
Construction vehicles and machinery will use gasoline and diesel fuels. Electrical power will be needed temporarily for lights inside the construction trailers.

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
No.

a. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:
None.

7. Environmental health

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.
The accidental leakage of petroleum products (gasoline, diesel fuel, hydraulic fluid, anti-freeze, grease, etc.) from construction equipment could occur, but is not likely. These substances can be toxic to nearby aquatic systems, and to humans upon prolonged skin contact, and can pose a fire hazard.

1) Describe special emergency services that might be required.
The proposed project will not require any special emergency services.

2) Proposed measures to reduce or control environmental health hazards, if any:
None required.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
Existing noise emanates primarily from daily traffic along 168th Way Southeast. This noise may alter slightly during construction, but this noise will not affect the project.

2) What types and levels of noise would be created by or associated with the project on a short–term or a long–term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

On a short-term basis, noise will be generated from the construction equipment (e.g., truck traffic hauling materials to and from the site, crane, backhoe, generators, grader, bulldozer, and deck resurfacing operations). Construction hours are controlled by the King County Noise Ordinance and are typically limited from 7:00 a.m. to 10:00 p.m.; however, work hours must be determined on a project-by-project basis and may be adjusted for the construction work schedule.

3) Proposed measures to reduce or control noise impacts, if any:
Construction Phase:
Standard mufflers will be used on all construction equipment. The construction work will occur during hours limited by the King County Noise Ordinance and contract documents.

Operational Phase:
Changes in traffic noise as a result of the proposal are not anticipated.

8. Land and Shoreline use

a. What is the current use of the site and adjacent properties?
The proposed project site is used for motorized and non-motorized travel on an existing two-lane roadway with adjacent residential properties.

b. Has the site been used for agriculture? If so, describe.
No.

c. Describe any structures on the site.
The existing structures on site include the bridge and overhead utility poles.

d. Will any structures be demolished? If so, what?
The existing bridge deck will be demolished.

e. What is the current zoning classification of the site?
According to the *King County Zoning Code* (KCC21.A.02.110) roadways are unclassified. The area adjacent to the subject roadway segment is classified as (RA-5) Rural Area with five dwelling units per acre.

f. What is the current comprehensive plan designation of the site?
According to the *King County Comprehensive Plan* (2001), the project site is located within a rural area.

g. If applicable, what is the current shoreline master program designation of the site?
The project site is in a shoreline management zone designated as rural.

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.
The 1993 *King County Sensitive Areas Map Folio* indicates that the project area is mapped and is susceptible to erosion and landslides. Covington Creek has also been classified as a sensitive area in the Map Folio. The wetland delineated south of the bridge is another sensitive area.

i. **Approximately how many people would reside or work in the completed project?**
Not applicable.

j. **Approximately how many people would the completed project displace?**
None.

k. **Proposed measures to avoid or reduce displacement impacts, if any:**
No such measures are necessary.

l. **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**
This project was listed in the 1994-1995 King County Transportation Needs Report and is in compliance with the 2001 King County Comprehensive Plan. The proposed project is consistent with existing and projected land uses in the area that are potentially affected by the project.

9. Housing

a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low–income housing.**
None.

b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low–income housing.**
None.

c. **Proposed measures to reduce or control housing impacts, if any:**
None.

10. Aesthetics

a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**
The height of the proposed bridge structure is approximately 40 feet from the bridge's foundation to its bridge deck.

b. **What views in the immediate vicinity would be altered or obstructed?**
The character of the existing bridge would be changed slightly after the rehabilitation, due to the two-foot increase in bridge deck width, but no existing views would be obstructed.

c. **Proposed measures to reduce or control aesthetic impacts, if any:**
None.

11. Light and glare

a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**
The proposed project will not result in any significant change to light or glare because it is anticipated to occur mostly during the day. No additional street lights are proposed by this project.

b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.

c. What existing off–site sources of light or glare may affect your proposal?
None.

d. Proposed measures to reduce or control light and glare impacts, if any:
None.

12. Recreation

a. What designated and informal recreational opportunities are in the immediate vicinity?
There are no designated recreational opportunities in the immediate vicinity of the project. Informal recreational opportunities, such as fishing, may occur in the immediate vicinity of the project.

b. Would the proposed project displace any existing recreational uses? If so, describe.
No.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
No impacts on recreation are anticipated.

13. Historic and cultural preservation

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.
There are no places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site

b. Generally, describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.
Because this bridge is nearly 40 years old, King County's Preservation Planner is screening this bridge for historical importance. A cultural resources screening document prepared in October 2000 by King County's consultant, and it was determined that the project area has a low probability for hunter-fisher-gatherer archaeological sites because of the narrow floodplain and steep slopes. King County's consultant extended no recommendations for further archaeological assessment.

c. Proposed measures to reduce or control impacts, if any:
The project's historic screening mentioned above in 12. b. will determine whether measures will be required to reduce or control impacts to historic resources, and these recommendations will be forwarded to the State Historical Preservation Officer (SHPO) to initiate the Section 106 process of the National Historic Preservation Act. At a minimum, if any archaeological, historic, or cultural remnant is uncovered or discovered during construction, the King County Archaeologist and the State Historical Preservation Officer (SHPO) will be notified immediately. No additional work would be performed on the site until all archaeological investigations are completed.

14. Transportation

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on-site plans, if any.
The principal arterials serving the site are 168th Way Southeast, Kent-Black Diamond Road and Auburn Black Diamond Road.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?
The site is not currently served by public transit. The nearest stop is about two miles to the west at Green River Community College.

c. How many parking spaces would the completed project have? How many would the project eliminate?
The project will not generate any new parking spaces and no parking spaces will be eliminated at any of the sites adjacent to the project.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
The proposal is a bridge rehabilitation and will not, in and of itself, generate the need for other new roads or improvements.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
No.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
The proposal does not, in and of itself, generate the need for more vehicular trips per day.

g. Proposed measures to reduce or control transportation impacts, if any:
During construction, detour signs announcing the bridge closure and an alternative route will be provided to reduce or control transportation impacts. See Plan Sheet 36 for the proposed detour plan.

15. Public services

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.
No.

b. Proposed measures to reduce or control direct impacts on public services, if any.
None. Access for public services will not be impeded significantly during construction.

16. Utilities

a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed. Utility work includes attaching a 12-inch water supply pipe under the bridge deck. The water supply pipe would then continue from the bridge along the south shoulder of 168th Avenue South underground to approximately 200 feet from the ordinary high water mark to connect with the existing pipe. Other utility companies in the project area include Puget Sound Energy and Verizon. Each utility will be responsible for relocating overhead lines within the road right-of-way to accommodate the road improvements and project schedule.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____
Lydia Reynolds-Jones, Manager, Project Support Services

Date: _____

Appendix A: Vicinity Map

Appendix B: Project Plan Sheets